

N/w- KHERI KORI Road to Berrmota

Schedule XLV Form No. 134

अप्रति कोट विभागा
कार्य प्रसंग-समीक्षा

Paligan DIVISION

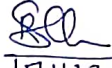
Paligan SUB-DIVISION

Ag No- 03/SBD/MMHSY/NDBI 2020-21

Measurement Book

पृष्ठ 45 - Shree construction

प्रमाणित किया जाता है कि इस मापी
पुस्त में कुल 100 (एक सौ) पन्ने हैं जो
MMJSY NDB भन्तगत Khiri Kori Road
to Berma to 19 वरक पथ का मापी लेने
के लिये सहायक अभियंता कार्य अवर समंडल
पालीगंज के नाम से निर्मा किया जाता
है।


15/11/23
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य समंडल-पालीगंज

15/11/23

Sch. XLV - Form No. 134

MMJSY NDB

पालीगंज DIVISION

पालीगंज SUB-DIVISION

कार्य - Khiri Kori Road to Berma to 19

निवेदक - Shrey construction

Measurement Book

No.

Ag No - 03/SBD/MMJSY NDB/2020-21

Name of officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/R - Construction & five yr					
Maintenance of road					
Khisi Kori road to					
Basema Jolai					
Agency: Shaffer Construction					
Prop: Nirpampran					
Ps. - Bineta, Dn					
801118					
Agreement No: 035B3/17/12/24					
NDB/2020-1.					
Date of commencement: 21-09-2020					
Date of completion: 22/09/21					
HPCWV - 1000.0mm dia = 2 nos.					
& 600.0mm dia = 1 nos					
① e/w for structures: e/w in ex-					
cavitation as per drawing and					
technical specification - - - e/w					
For 1000.0mm dia HPC					
Hw - $2 \times 6450 \times 1.40 \times 1.50 =$					$27.090m^3$
Below pipe - $1 \times 4850 \times 1.530 \times 1.55 =$					$2.708m^3$
					$29.800m^3$
2 nos HPC = $29.800 \times 2 =$					$59.600m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. 100mm - 600mm dia HP-J					
H.W - 2 x 3.90 x 1.157 x 1.50 =					13.955m ³
Below Pipe - 1 x 2.850 x 1.150 x 0.25 =					1.175m ³
					14.63m ³
Net quantity of e/w.					
59.60m ³ + 14.63m ³				2	74.23m ³
② Providing M15 (PCC 1:2:5) as					
levelling course in foundation					
2 Nos HP (600mm dia)					
H.W - 2 x 2 x 6.150 x 1.40 x 0.150 =					5.418m ³
Below Pipe - 2 x 1 x 6.150 x 1.50 x 0.250 =					5.772m ³
					9.18m ³
Total 1 Nos 600mm dia HP					
H.W - 2 x 3.90 x 1.150 x 0.150 =					1.3955m ³
Below Pipe 1 x 3.55 x 1.130 x 0.250					1.002m ³
					2.347m ³
Net Quantity:					
9.18m ³ + 2.347m ³				2	11.527m ³
③ Headwell in Brick Masonry:					
PCC in 1:2:4 cement concrete					
In sub structure complete for					
down					
H.W - 2 x 2 x 6.150 x 0.825 x 3.180 =					64.558m ³
Below Pipe - 2 x 2 x 6.150 x 1.40 x 0.60 =					5.904m ³
Let's Pipe - 2 x 2 x 0.785 x (1.23) x 0.60 =					2.951m ³
					67.456m ³

Continuation

25/01/24

25/01/24

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Construction of subgrade and					
Barthen shoulder					
For Flexible road					
Adjacent to WBM					
2 x 6.55 x 0.950 x 0.075 =					93.052 m ²
Adjacent to USB					
2 x 6.55 x 1.075 x 0.20 =					280.79
					373.842 m ²
For Rigid road					
Adjacent to c/c					
2 x 8.34 x 0.535 x 0.16 =					142.780 m ²
Adjacent to WBM					
2 x 8.34 x 0.770 x 0.075 =					96.323 m ²
Adjacent to USB					
2 x 8.34 x 0.945 x 0.150 =					157.626
					396.733 m ²
Net Quantity =					
373.842 m ² + 396.733 m ² =					770.575 m ²
⑧ Traffic sign, providing and					
fixing of retro-reflectised					
Concession, mandatory and					
Informatory sign - - - c/c					
600mm equilateral & triangle =					8 nos
600mm Circular					= 4.0 nos
600mm x 450mm rectangular					= 4.0 nos

Continuation

[Signature]
21/01/2024
SC

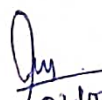
[Signature]
21/01/24
AS

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Boundary Pillars: Rec Mls					
gate boundary Pillars/loc					
Stone of Standard weight					
					= 18.0 Mls
⑩ Plowing of fields and their					
Maintenance for one yrs - -/					
2 x ⁶⁰⁰ 780 100 =					780 60.00 Mls
⑪ Construction of embankment					
with material obtained from					
borrow pits - - - - -/					
Earth work quantity sheet					

Sl No.	Change	Area	Mean Area	Distance	Volume
1	0.0	2.736			
2	50.0	2.842	2.789	50.0	139.450
3	100.0	2.737	2.710	50.0	139.475
4	150.0	2.642	2.690	50.0	134.475
5	200.0	2.637	2.640	50.0	131.975
6	250.0	2.787	2.712	50.0	135.600
7	300.0	2.743	2.735	50.0	138.250
8	350.0	2.734	2.739	50.0	136.925
9	400.0	2.826	2.720	50.0	139.00
10	450.0	5.199	4.613	50.0	200.625
11	500.0	4.866	5.033	50.0	251.625
12	550.0	5.452	5.159	50.0	257.950
13	600.0	5.813	5.633	50.0	281.625

Continuation


 02/02/2024
 SC

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 Damage Area	Area	Mean Area	Dist- ance	Volume	
2 650.0	5.127	5.470	50.0	273.500	
3 700.0	5.743	5.435	50.0	271.750	
4 750.0	2.801	1.272	50.0	213.600	
5 800.0	2.270	2.536	50.0	126.775	
6 850.0	2.260	2.265	50.0	113.250	
7 900.0	2.494	2.377	50.0	118.850	
8 950.0	2.127	2.311	50.0	115.525	
9 1000.0	2.486	2.407	50.0	120.325	
10 1050.0	2.452	2.569	50.0	128.450	
11 1100.0	2.629	2.241	50.0	112.025	
12 1150.0	1.913	1.971	50.0	95.550	
13 1200.0	2.410	2.162	50.0	108.075	
14 1250.0	2.058	2.234	50.0	111.700	
15 1300.0	5.483	3.771	50.0	188.525	
16 1350.0	5.630	5.557	50.0	277.825	
17 1400.0	5.694	5.662	50.0	283.100	
18 1450.0	5.463	5.579	50.0	278.925	
19 1500.0	6.395	5.929	50.0	296.450	
				5324.175	
Let for cut					
Subgrade			(-)	770.57m ³	
W.S.B			(-)	449.97m ³	
WBM (1:1)			(-)	300.265	
P.C.C			(-)	519.566	
				2289.00m ³	

Continuation

update Material Statement			
E/10 - 4059.57 m ³	@ RS 23.73	= RS	96536.57
USB 53mm to 9.5mm	266.98 m ³	@ RS 516.12	= RS 137796.25
9.5mm to 2.36mm	106.794 m ³	@ RS 411.33	= RS 43927.07
2.36mm below	160.191 m ³	@ RS 185.94	= RS 29755.91
WBM hr III			
53mm to 22.4mm	362.318 m ³	@ RS 159.52	= RS 166479.55
Stone screening			
72.063 m ³	@ RS 345.52	= RS	24899.24
PCC crushed stone aggregate			
457.429 m ³	@ RS 535.14	= RS	246867.99
Grind - 233.714 m ³	@ RS 150.80	= RS	35244.00
MSS -			
Crushed aggregate			
13.2mm to 4mm	233.719 m ³	@	
475.04			
69.795 m ³	@ RS	Continuation	
	470.04	= RS	32806.40
			RS 8143.48

Continuation

$$\begin{array}{r} \text{RS } 328064 \\ \hline \text{RS } 814343 \end{array}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) Setting out pillars - - - c/l					
Qty. vid TMB P-(17)					
1.500 km @ R		11874.70		RS	17812.11
(2/2) Clearing & grubbing road					
Land - - - - - c/l					
Qty. vid TMB P-(17)					
0.529 Hect @ R		51161.70		RS	27576.15
(3/4) Construction of embankment					
with material obtained from					
borrow pits - - - - - c/l					
For 1000 m lead					
Qty. vid TMB P-(28)					
986.70 m ³ @ R		176.860		RS	174507.76
(4/5) Construction of embankment					
with material obtained from					
borrow pits - - - - - c/l					
For 1000 m lead					
Qty. vid TMB P-(28)					
2302.30 m ³ @ R		139.790		RS	321838.51
(5/3) Excavation for roadwork					
In soil with hydraulic excavation					
Qty. vid TMB P-(17)					

112.481 m³ Continuation
 @ RS 74.160 = RS 8341.55

1
 RS 550076.12

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/7) USB work material. Const.					
Of USB by providing work					
grated material - - - - -					
Qty. vide TMB P-(17)					
444.975 m ³ @ RS 2577.810 = RS					1147061-0
(7/8) LORRY loading - 3 Material					
Qty. vide TMB P-(18)					
300.263 m ³ @ RS 3247.48 = RS					975098-08
(8/12) Cement Concrete Pavement					
M:30 - - - - -					
Qty. vide TMB P-(18)					
319.366 m ³ @ RS 5823.070 = RS					3024324.57
(9/9) prime Coat (Low porosity)					
(SS-1) - - - - -					
Qty. vide TMB P-(18)					
2585.0 m ² @ RS 42.570 = RS					110043.45
(10/10) Tack Coat (RS-1) - - - - -					
Qty. vide TMB P-(18)					
2585.0 m ² @ RS 14.470 = RS					37404.95
(11/11) Mix seed surface - - - - -					
Qty. vide TMB P-(18)					
2585.0 m ² @ RS 194.970 = RS					503997.45

Continuation

RS 5843985.48
6347985.62

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/14) Ordinary Kilometer					
Stone	-	-	-	-	41
Qty via TMB P- (18)					
3.0 Nos @ RS 2663.110					= RS 7989.33
(13/15) 200'0m Stone (protest)					
Qty via TMB P- (18)					
7.0 Nos @ RS 582.980					= RS 4080.86
(14/22) Road Marking hot applied thermoplastics					
thermoplastics	-	-	-	-	91
Qty via TMB P- (18)					
166.80m ² @ RS 735.790					= RS 122729.77
(15/23) Road Marking with hot applied thermoplastics					
thermoplastics	-	-	-	-	94
Qty via TMB P- (19)					
120.40m ² @ RS 766.570					= RS 100114.82
(16/16) MMUSY BRICKS sign board					
Qty via TMB P- (19)					
3.0 Nos @ RS 9133.150					= RS 27399.45
(17/24) Earthwork in excavation for structure at per housing					
Qty via TMB P- (2)					
74.23m ³ @ RS 294.730					= RS 21877.7

Continuation

 RS 6128179.35
 6632177.65

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/25) providing m/s as levelling course in foundation - - - c/c					
Qty vid TMB P-(23)					
11.527 m ³ @ RS 4745.070 = RS 54696.42					
(19/26) Head wall in batch maso masonry work in cement mortar					
Qty vid TMB P-(23)					
671486 m ³ @ RS 5177.610 = RS 349416.18					
(20/28) providing and laying RCC pipe NP-3 (1x15000 m)					
Qty vid TMB P-(24)					
15000 m @ RS 3502.370 = RS 52544.55					
(21/27) providing and laying RCC pipe NP-3 (600.00m dia) - - - c/c					
Qty vid TMB P-(24)					
500 m @ RS 1245.470 = RS 6227.35					
(22/29) painting on concrete/steel surface with epox - - - c/c					
Qty vid TMB P-(24)					
53.760 m ² @ RS 97.190 = RS 5224.93					
					1

Continuation

RS ~~6547088.78~~
7100287.08

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
23/6) Construction of Subgrade: and earthen shoulder - - - - - 1/1					
Qty. vid TMB P-(25)					
770.570 m ² @ RS 161.560 = RS 124493.28					
24/17) 600.0 mm equilateral triangle - - - - - 1/1					
Qty. vid TMB P-(25)					
8.0 nos @ RS 3312.710 = RS 26501.68					
25/18) 600 mm circle - - - - - 1/1					
Qty. vid TMB P-(25)					
4.0 nos @ RS 4437.460 = RS 17749.84					
26/19) 600.0 mm x 450.0 mm rectangle					
Qty. vid TMB P-(25)					
4.0 nos @ RS 4322.350 = RS 17289.32					
27/20) Boundary pillars - - - - - 1/1					
Qty. vid TMB P-(26)					
18.0 nos @ RS 489.980 = RS 8819.64					
28/21) Plumbing of trees by the road side - - - - - 1/1					
Qty. vid TMB P-(26)					

Continuation

RS 6741942.54
7295140.84

Continuation